Intellectual Property Law Group PLLC

Mail Stop RCE

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William T. Christiansen, Ph.D. billc@seedlaw.com

March 5, 2004

| Facsimile Transmiss   | ion <u>41</u> pa                          | ges including this page   |
|---|---|---------------------------|
| TO: Mail Stop RCE<br>Fax No.: 703-872-93                                      | 06 (Central Fax No.)                      |                           |
| RE: U.S. Patent Application I<br>ASSAY TO DETECT A<br>Attorney Docket No.: 65 | No. 09/888,959<br>BINDING PARTNER         |                           |
| ☐ Urgent ☐ For Review   | ☑ Please Confirm<br>Receipt               | □Please Reply ASAP        |
| Comments:   |   |                           |
| EXA   | MINER: Anne L. Holleran<br>ART UNIT: 1642 |                           |
|   |   |                           |
| If you do not receive all pages, poffice.                                     | please call <u>John T. Oliver</u> at      | (206) 622-4900 or fax our |
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PAGE 1/42\* RCVD AT 3/5/2004 6:53:51 PM [Eastern Standard Time]\* SVR:USPTO-EFXRF-1/1\* DNIS:8729306\* CSID:1 206 682 6031\* DURATION (mm-ss):13-22-

## SENT VIA FACSIMILE

PTO/SB/30 (08-03)

Approved for use through 07/31/2006, OMB 0551-0031

U.S. Patent and Tradamark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## 09/888.959 Application Number REQUEST FOR June 25, 2001 CONTINUED EXAMINATION (RCE) First Named Inventor Richard Ian Christopherson TRANSMITTAL Art Unit Address to: Examiner Name Anne L. Holleran Mail Stop RCE Commissioner for Patents P.O. Box 1450 Attorney Docket Number 650061.401C1 Alexandria, VA 22313-1450

| 1. Submission required under 37 CFR 1,114 Note: if the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant musts otherwise. If applicant does not wish to have any previously filed unentered amendment(s) and emendment(s) and emendment | This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.  Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2. |          |                    |  |   |                   |         |                            |                           |
|--|---|----------|--------------------|--|---|-------------------|---------|----------------------------|---------------------------|
| considered as a submission even if this box is not checked.    .   | enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to   |          |                    |  |   |                   |         |                            |                           |
| ii. Other  |   | a.∐F     | revious<br>onsider | ly submitted. If a final Offi<br>ed as a submission even it  | ce action is outstandin<br>f this box is not checke | g, any ame<br>:d. | ndme    | ints filed after the final | Office action may be      |
| b. Amendment/Reply iii. Information Disclosure Statement (IDS) ii Affidavit(s)/Declaration(s) iv. Other  2. Misscellaneous a. Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required) b. Other  3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed. a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 19-1090. i. RCE fee required under 37 CFR 1.17(e) ii. Extension of time fee (37 CFR 1.136 and 1.17) iii. Other b. Other b. Check in the amount of \$ enclosed c. Payment by credit card (Form PTO-2038 enclosed) WARNING: Information on this form may bacome public. Credit card information should not be included on this form. Provide credit card information on PTO-2038.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attorney/Agent) 44,614  Signature Determination of Signature Sign                                    |   | 1.       | Con                | sider the arguments in the   | Appeal Brief or Reply                               | Brief previo      | ously : | filed on                   |                           |
| ii. Amendment/Reply iii. Information Disclosure Statement (IDS) iii. Other  2. Miscellaneous  a  |   |          | Oth                | er   |   |                   |         |                            |                           |
| ii Affidavit(s)/Declaration(s)  iv. Other  |   | ь. 🔀     | _                  |  |   |                   | _       | •                          |                           |
| 2. Miscellaneous  a. Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fea under 37 CFR 1.17(i) required)  b. Other  The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.  a. A The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 19-1090.  i. ARCE fee required under 37 CFR 1.17(e)  ii. Extension of time fee (37 CFR 1.136 and 1.17)  iii. Other  b. Check in the amount of \$ enclosed  c. Payment by credit card (Form PTO-2038 enclosed)  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attorney/Agent) 44,514  Signature Date March 5, 2004  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Mall Slop RCE; Commissioner For Palents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type) Joyin T. Oliver  Signature Date March 5, 2004   |   | i.       | =                  |  |   | ii.               | 🛚 Info  | ormation Disclosure S      | tatement (IDS)            |
| a. Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)  b. Other  The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.  a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 19-1050.  i. RCE fee required under 37 CFR 1.17(e)  ii. Extension of time fee (37 CFR 1.136 and 1.17)  iii. Other  b. Check in the amount of \$ enclosed  c. Payment by credit card (Form PTO-2038 enclosed)  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and subtorization on PTO-2038.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attorney/Agent) 44,614  Signature  |   | ii       | X Affi             | davit(s)/Declaration(s)  |   | iv.               | [] Out  | ner                        |                           |
| a period ofmonths. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)  b. Other   | 2.  | Misce    | laneous            | 3  |   |                   |         |                            |                           |
| 3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filled.  a. \[ \int \] The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 19-1090.  i. \[ \int \] RCE fee required under 37 CFR 1.17(e)  ii. \[ \int \] Extension of time fee (37 CFR 1.136 and 1.17)  iii. \[ \int \] Other  b. \[ \int \] Check in the amount of \$ enclosed  c. \[ \int \] Payment by credit card (Form PTO-2038 enclosed)  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attomey/Agent) 44,614  Signature Date March 5, 2004  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type) Jojin T. Oliver  Signature Date March 5, 2004  |   | a []     |                    |  |   |                   |         |                            |                           |
| a. X The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 19-1090.  i. X RCE fee required under 37 CFR 1.17(e)  ii. X Extension of time fee (37 CFR 1.136 and 1.17)  iii. Other  |   | ь. 🗌     | Other              |  |   |                   |         |                            |                           |
| Deposit Account No. 19-1090.  i. MRCE fee required under 37 CFR 1.17(e)  ii. Mextension of time fee (37 CFR 1.136 and 1.17)  iii. Other  b. Check in the amount of \$ enclosed  c. Payment by credit card (Form PTO-2038 enclosed)  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attomey/Agent) 44,614  Signature Date March 5, 2004  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type) John T. Oliver  Signature Date March 5, 2004   | 3.  | Fees     | The                | RCE fee under 37 CFR 1.17(   | e) is required by 37 CFR :                          | l.114 when ti     | he RÇI  | E is filed.                |                           |
| ii.  |   |          |                    |  |   |                   |         |                            |                           |
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| C. Payment by credit card (Form PTO-2038 enclosed) WARNING: Information on this form may become public. Credit card information should not be included on this form.  Provide credit card information and authorization on PTO-2038.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attorney/Agent) 44,614  Signature Date March 5, 2004  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark  Name (Print /Type) John T. Oliver  Signature Date March 5, 2004  |   |          |                    |  |   |                   |         |                            |                           |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attorney/Agent) 44,614  Signature Date March 5, 2004  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certily that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type) John T. Oliver  Signature Date March 5, 2004  | į   | c. 📙     |                    | -  | •   |                   |         |                            |                           |
| Name (Print /Type) William T. Christiansen, Ph.D. Registration No. (Attomey/Agent) 44,614  Signature Date March 5, 2004  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Mail Stop RCE, Commissioner For Patients, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patient and Trademark Office on the date shown below.  Name (Print /Type) John T. Oliver  Signature Date March 5, 2004  |   | _        | P                  | VARNING: Information on the<br>Provide credit card information of the card infor | ils form may become pu<br>on and authorization on   | PTO-2038.         | card (  | information should not     | be included on this form. |
| Signature  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type)  John T. Oliver  Signature  Date  March 5, 2004   |   |          |                    | SIGNATURE OF   | APPLICANT, ATTO                                     | RNEY, OR          | AGEN    | NT REQUIRED                |                           |
| CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type)  John T. Oliver  Signature  Date March 5, 2004   | Name  | (Print / | Type)              | William T. Christiansen,   | Ph.D.   | Registrati        | on No   | o. (Attomey/Agent)         | 44,614                    |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type)  John T. Oliver  Signature  Date  March 5, 2004  | Signature Date March 5, 2004  |          |                    |  |   |                   |         |                            |                           |
| addressed to: Mail Slop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.  Name (Print /Type) John T. Oliver  Signature Date March 5, 2004   | CERTIFICATE OF MAILING OR TRANSMISSION  |          |                    |  |   |                   |         |                            |                           |
| Signature Date March 5, 2004   | Addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark   |          |                    |  |   |                   |         |                            |                           |
| 2 2000   | Name (Print /Type) John T. Oliver   |          |                    |  |   |                   |         |                            |                           |
|  | Signal  | ture     |                    | Splike   |   | Date              | Mai     | rch 5, 2004                |                           |

Ints consection of information is positive by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO, Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this bunden, should be sent to the Chief Information Officer, U.S. Patent and Tredemark Office, U.S. Department of Commence, P.O., Box 1450, Alexandria, VA 22313-1450.

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|  | Complete if Known    |                            |  |  |
|--|----------------------|----------------------------|--|--|
| FEE TRANSMITTAL  | Application Number   | 09/888,959                 |  |  |
| for FY 2004  | Filing Date          | June 25, 2001              |  |  |
| Petent fees are subject to annual revision.            | First Named Inventor | Richard Ian Christopherson |  |  |
| retent lees are subject to annual revision.            | Examiner Name        | Anne L. Holleran           |  |  |
| Applicant claims small entity status. See 37 CFR 1.27. | Art Unit             | 1642                       |  |  |
| TOTAL AMOUNT OF PAYMENT (\$) 880                       | Attorney Docket No.  | 650061.401C1               |  |  |

| METHOD OF PAYMENT  | ESS CALCIHATION (A. L                          |                    |              |               |  |          |  |
|--|--|--------------------|--------------|---------------|--|----------|--|
|  | FEE CALCULATION (continued) 3. ADDITIONAL FEES |                    |              |               |  |          |  |
| X Payment Enclosed:  |  | Large Entity Small |              |               |  |          |  |
| Check Credit card Money Order Other  | Fee  | Fee                | Fee          | Fee           | Fee Description  | Fee      |  |
| Deposit Account:   | Code<br>1051                                   | (\$)<br>130        | Goda<br>2051 | (\$)<br>65    | Surcharge - late filing fee or oath  | Paid     |  |
| Deposit<br>Account<br>Number   | 1052   | 50                 | 2052         | 25            | Surcharge - late provisional filing fee or cover sheet.                          |          |  |
| Topash   | 1053   | 130                | 1053         | 130           | Non-English specification  |          |  |
| Account<br>Name Seed Intellectual Property Law Group<br>PLLC   | 1812   | 2520               | 1812         | 2520          | For filling a request for ex parte   |          |  |
| The Director is authorized to (check all that apply)   | 1804   | 920°               | 1604         | 9 <b>2</b> 0° | Requesting publication of SIR prior to<br>Examiner action                        |          |  |
| Charge fee(s) indicated below Credit any overpayments  | 1805   | 1840*              | 1805         | 1840*         | Requesting publication of SIR after<br>Examiner action                           |          |  |
| Chargo any additional fee(s) during the pendency of this application   | 1251   | 110                | 2251         | 55            | Extension for reply within first month   | 110      |  |
| Chargo fco(s) Indicated below, except for the filing fee   | 1252   | 420                | 2252         | 210           | Extension for reply within second month  |          |  |
| Charge any deficiencies     to the above-identified deposit account.   | 1253   | 950                | 2253         | 475           | Extension for reply within third month   |          |  |
| to ne sovo-nemies debost actorit.  | 1254   | 1480               | 2254         | 740           | Extension for reply within fourth month  |          |  |
| FEE CALCULATION  | 1255   | 2010               | 2255         | 1005          | Extension for reply within fifth month   |          |  |
| 1. BASIC FILING FEE  | 7401   | 330                | 2401         | 165           | Notice of Appeal   | •        |  |
| Large Entity Small Entity  | 1402   | 330                | 3403         | 165           | Filing a brief in support of an appeal   |          |  |
| Fee Fee(\$) Fee Fee(\$) Fee Description Fee Code Code  | 1403   | 290                | 2403         | 145           | Request for oral hearing   |          |  |
| 1001 770 2001 385 Utility filing fee   | 1451   | 1510               | 1451         | 1510          | Patition to institute a public use proceeding                                    |          |  |
| 1002 340 2002 170 Design fling fee<br>1003 530 2003 255 Plant filing fee                                     | 1452   | 110                | 2452         | 55            | Petition to revive - unavojdabje   |          |  |
| 1004 770 2004 385 Retssue filing fee   | 1453   | 1330               | 2453         | 665           | Petition to revive - unintentianal   |          |  |
| 1005 160 2005 BD Provisional Ming  | 1501   | 1330               | 2501         | 665           | Utility issue fee (or relssue)   |          |  |
| ree  | 1502   | 480                | 2502         | 240           | Design issue fee   |          |  |
| \$UBTOTAL (1)  | 1503   | 640                | 2503         | 320           | Plant Issue fee  |          |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  | 1450   | 130                | 1460         | 130           | Petitions to the Commissioner  |          |  |
| Fee<br>Extre from Fee  | 1807   | 50                 | 1807         | 50            | Processing fee under 37 CFR 1.17(q)  |          |  |
| Extra from Fee Cleims below Paid  Total Claims 17  | 1808   | 190                | 1806         | 160           | Submission of Information Disclosure<br>Simt                                     |          |  |
| Independent 1 n = =  | 6021   | 40                 | 8021         | 40            | Recording each patent assignment<br>per property (times number of<br>properties) |          |  |
| Multiple<br>Dependent e  | 1809   | 770                | 2809         | 385           | Filing a submission after final rejection (37 CFR § 1.128(a))                    |          |  |
| <u>Lance Entity</u> Fee Fee Fee Fee Code (\$) Code (\$)  | 1810   | 770                | 2910         | 385           | For each additional invention to be examined (37 CFR § 1.129(b))                 |          |  |
| 1202 18 2202 9 Claims in excess of 20  | 1801   | 770                | 2601         | 385           | Request for Continued Exemination (RCE)  | 770      |  |
| 1201 86 2201 43 Independent claims in excess of 3<br>1209 290 2203 145 Multiple dependent claim, if not paid | 1802   | 800                | 1802         | 900           | Request for expedited examination of a   |          |  |
| 1704 BR 2204 43 ** Reissue Independent claims over   | Other fee                                      | fenodei            |              |               | design application   | <b>—</b> |  |
| uriginal patient  1205 18 2205 B Relssue d'aims in excess of 20 and over original patient                    | Suidi 186                                      | (specif            | <i>,</i>     |               |  |          |  |
| SUBTOTAL (2) (5)   | *Reduce  | d by Bas           | ilo Filing   | Fee Pa        | SUSTOTAL (3) (\$) BBD  |          |  |
| "Or number proviously pold, it greater, For Reissuns, soe above  |  |                    |              |               |  |          |  |

|                      | <b>SUBMITTED BY</b>            |  |       |           |                 |
|----------------------|--------------------------------|--|-------|-----------|-----------------|
| Name<br>(Print/Type) | William T. Christiansen, Ph.D. | Registration No.<br>Attorney/Agenti 44,614 |       | 44,614    | Customer Number |
| Signature            | 2510                           | Date                                       | March | 1 5, 2004 | 00500           |

This collection of Information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiating is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form another suggestions for reducing this burdent, should be sent to the Chief Information Officer, U.S. Petent and Trademark Grina, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.